


State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

Region ARCTIC  USGS Quad Harrison Bay B-2

Anadromous Water Catalog Number of Waterway 330-00-10700-0910

Name of Waterway L 93-13 UNNAMED LAKE ☐ USGS Name ☒ Local Name

☐ Addition ☐ Deletion ☐ Correction ☒ Backup Information

For Office Use

Nomination # <u>98 137</u>	<u>[Signature]</u> Regional Supervisor	<u>10-13-97</u> Date
Revision Year: _____	<u>[Signature]</u> AWC Project Biologist	<u>12/5/97</u> Date
Revision to: Atlas _____ Catalog _____ Both <u>N/A</u>	_____	_____
Revision Code: <u>F-1</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
LEAST CISC0	7-14-95		X	X	<input checked="" type="checkbox"/>
LEAST CISC0	7-12+13-97		X	X	<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: SEE ATTACHED PAGES FROM MOULTON (1997). LAKES SAMPLED FOR FISH IN AND NEAR COLVILLE RIVER, ALASKA 1979-1996

1997 DAILY REPORTS FOR L 93-13 ATTACHED

ALASKA DEPT. OF
FISH & GAME

Name of Observer (please print) LARRY MOULTON

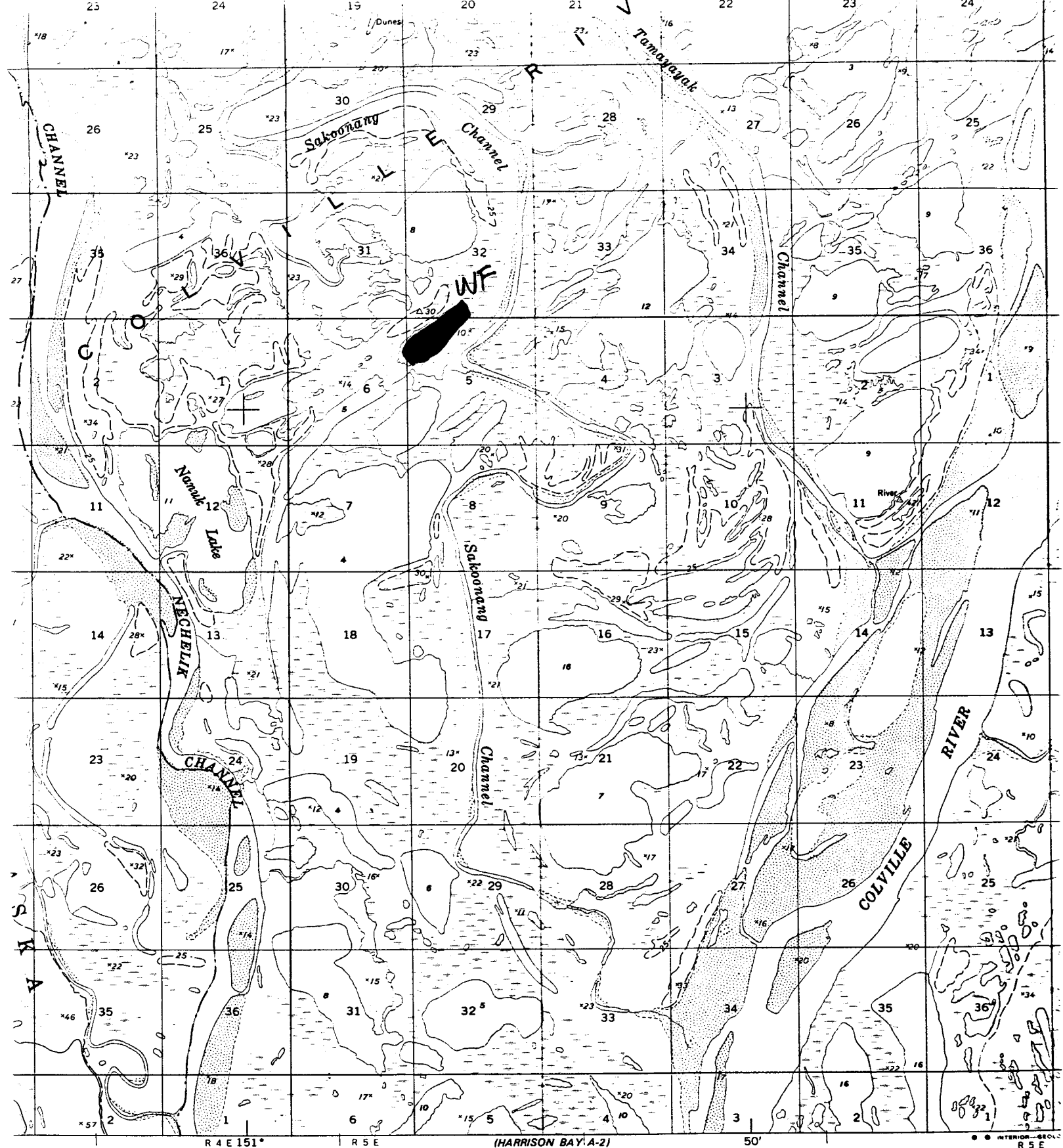
Date: _____ Signature: MGM RESEARCH OCT 20 1997

Address: 5460 NE TOLO ROAD
BAINBRIDGE ISLAND, WA 98110 REGION II
HABITAT AND RESTORATION
DIVISION

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: [Signature]

Revision 11/96



R 4 E 151°

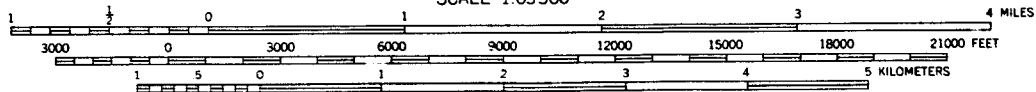
R 5 E

(HARRISON BAY A-2)

50'

• • • INTERIOR-GEOL. R 5 E

SCALE 1:63360



CONTOUR INTERVAL 50 FEET

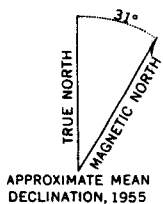
DASHED LINES REPRESENT 25-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

SOUNDINGS IN FEET—DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 0.5 OF A FOOT

FOR SALE BY U. S. GEOLOGICAL SURVEY

FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



APPROXIMATE MEAN
DECLINATION, 1955



QUADRANGLE LOCALITY

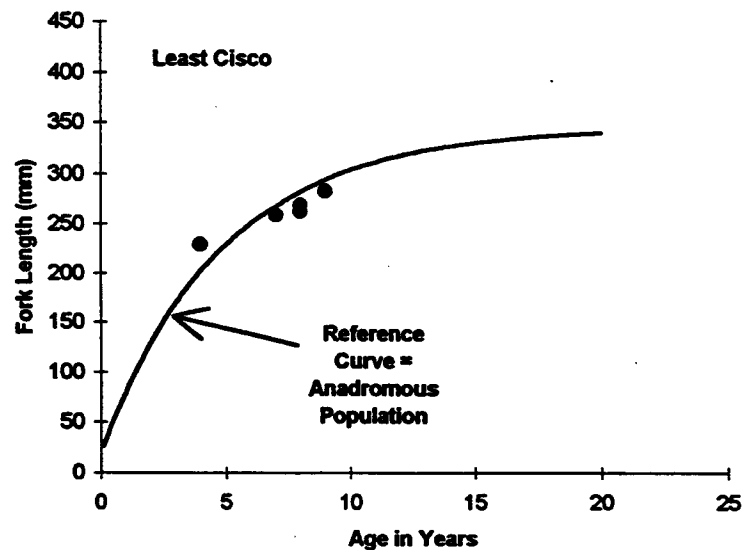
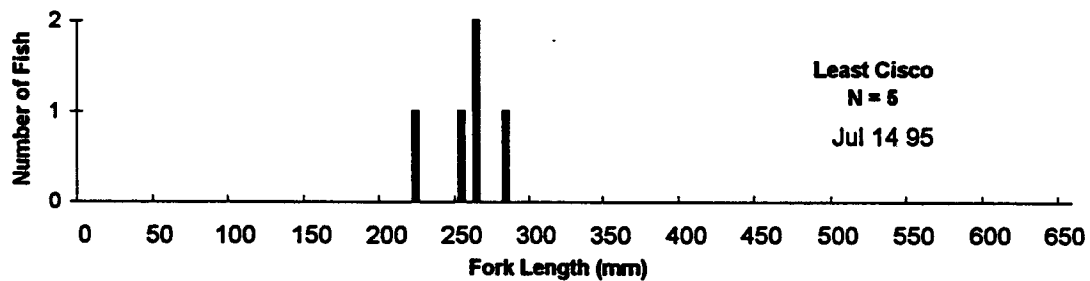
Lake L9313

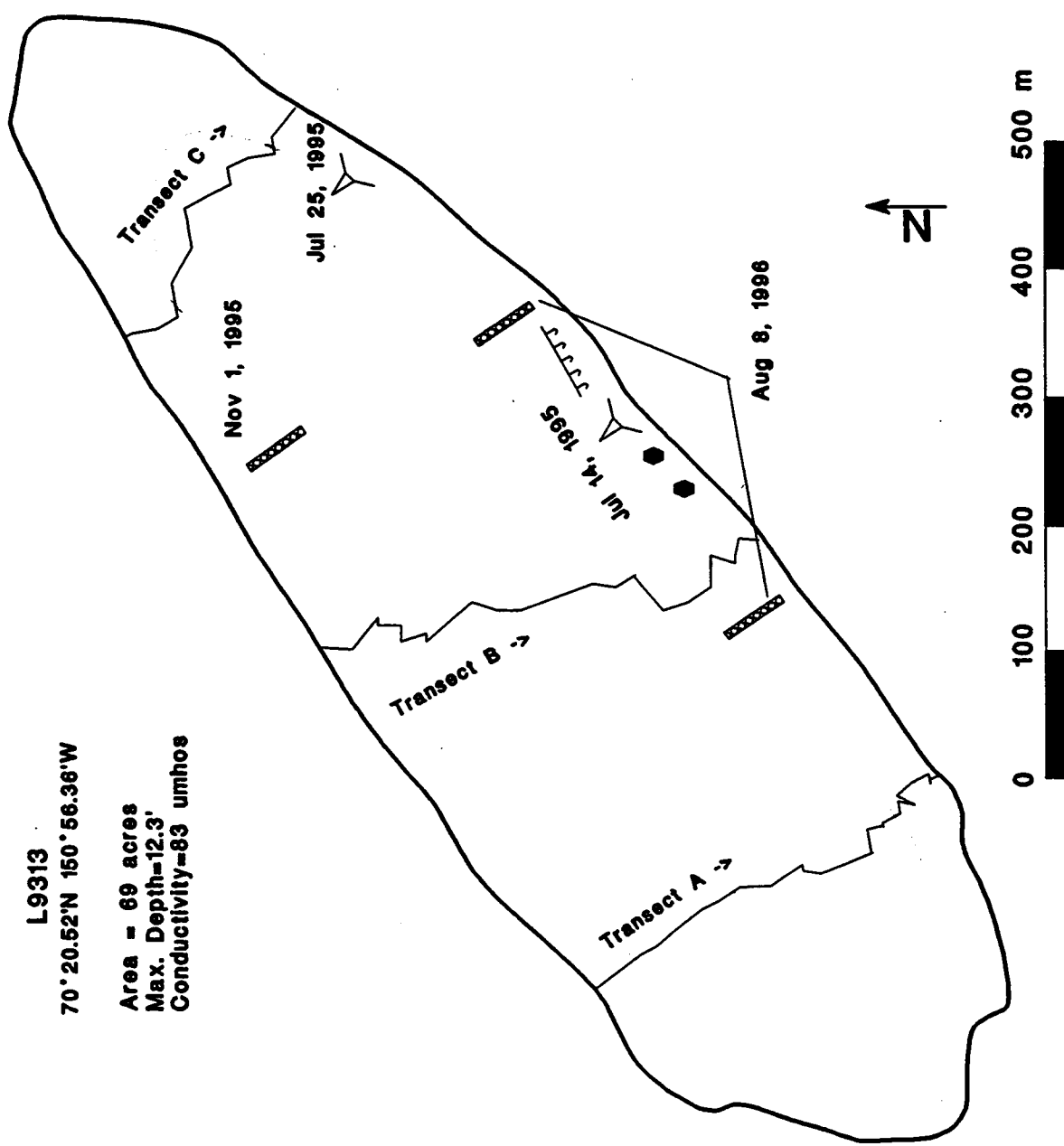
Other Names: none

Location: 70°20.52'N 150°56.36'W; Harrison Bay B-2: T11N R5E, Sect 5

Habitat: Perched Lake (Infrequent Flooding)

Catch Record:				
Gear	Date	Effort (hours)	Species	Number Caught
Fyke Net	Jul 14 95	23.3	Least cisco	5
			Alaska blackfish	6
			9spine stickleback	63
Fyke Net	Jul 26 95	20.7	9spine stickleback	9
2 Minnow Traps	Jul 15 95	43.2	9spine stickleback	9
Set Line	Jul 15 95	21.6	None	0
Set Line	Jul 16 95	24.3	None	0
Gill Net	Nov 1 95	20.6	None	0
Gill Net	Aug 8 96	9.1	None	0





L9313
70°20.52'N 150°56.36'W
Area = 69 acres
Max. Depth=12.3'
Conductivity=83 umhos

Ott, Al

From: 'Lmoulton1@aol.com'
To: Ott, Al; Hemming, Carl; 'joyce#m#_michael_r@msmail.aai.arco.com'
Subject: Alpine 1997 Fish Survey Daily Report No.
Date: Saturday, July 12, 1997 10:24PM

Original Subject:
Alpine 1997 Fish Survey Daily Report No. 4

Alpine Project Fish Survey
Daily Report No. 4
July 12, 1997
by
Lawrence Moulton
MJM Research

Checked nets in L9310 through L9313. Catches were as follows:
L9310: 15 ninespine stickleback, 2 slimy sculpin
L9311: 23 ninespine stickleback, 1 slimy sculpin
L9312: 14 ninespine stickleback, 3 Alaska blackfish
L9313: 3 least cisco, 6 ninespine stickleback, 1 Alaska blackfish

One least cisco from L9313 was 276 mm and was tagged, the other two were 197 and 229 mm and received adipose clips.

Plan for July 13: Check nets in L9310, L9311, L9312 and L9313; measure and mark all cisco and whitefish, measure all non-sticklebacks, count or estimate number of sticklebacks.

If cisco and whitefish catches in the fyke nets remain low, we may request permission to use short duration gill net sets to catch tagable fish. The sets would have to be very short to ensure the fish do not injure themselves too severely to survive the handling and tagging. We will some try additional modifications to the fyke nets, but there's not too much else we can do. Yesterday (July 11) was a calm day and may fish were observed breaking surface on Lake 9310 near the fyke net set. None were caught.

Weather foggy, overcast and cool with east wind 10-15, temperatures in the upper 30's to low 40's.

Ott, Al

From: 'lmoulton1@aol.com'
To: Ott, Al; Hemming, Carl; 'joyce#m#_michael_r@msmail.aai.arco.com'
Subject: Alpine 1997 Fish Survey Daily Report No.
Date: Sunday, July 13, 1997 9:04PM

Original Subject:
Alpine 1997 Fish Survey Daily Report No. 5

Alpine Project Fish Survey
Daily Report No. 5
July 13, 1997
by
Lawrence Moulton
MJM Research

Checked nets in L9310 through L9313. Catches were as follows:
L9310: 7 ninespine stickleback, 1 Alaska blackfish
L9311: 31 ninespine stickleback, 1 slimy sculpin
L9312: 1 least cisco (56 mm, likely age-1), 4 ninespine stickleback, 3
slimy sculpin
L9313: 1 least cisco (167 mm), 5 ninespine stickleback, 2 Alaska blackfish

The one least cisco from L9313 received an adipose clip.

Fyke net wings were deepened and reset in an attempt to increase catches.

Plan for July 14: Check nets in L9310, L9311, L9312 and L9313; measure and mark all cisco and whitefish, measure all non-sticklebacks, count or estimate number of sticklebacks.

Weather foggy, overcast and cool with east wind 15-20 mph, temperatures in the upper 30's to low 40's.

L9310:
July 13 at 10:30 (depth=0.25 m)
Water Temperature: 8.1 C
Dissolved Oxygen: 9.8 mg/l (83.8% saturation)
Conductivity: 86 uS/cm
Specific Conductance: 127 uS/cm

L9311:
July 13 at 10:10 (depth=0.25 m)
Water Temperature: 8.5 C
Dissolved Oxygen: 10.7 mg/l (91.1% saturation)
Conductivity: 101 uS/cm
Specific Conductance: 148 uS/cm

L9312: